

**Roof tile for utilisation of solar energy**

Patent Number: DE19619369

Publication date: 1997-11-20

Inventor(s): SAGA WALTER (DE)

Applicant(s): TONINDUSTRIE HEISTERHOLZ ERNST (DE)

Requested Patent:  DE19619369

Application Number: DE19961019369 19960514

Priority Number(s): DE19961019369 19960514

IPC Classification: E04D13/18 ; H01L31/048 ; F24J2/42

EC Classification: H01L31/048, F24J2/04B14

Equivalents:

---

**Abstract**

---

The tile (8) has a trough (6) formed in its surface and in the bottom of the trough is a raised dome (9) formed as one piece with the tile. A plate shaped solar cell (7) is supported on and secured to the dome. The solar cell is positioned in the trough with an allround clearance to the edges of the trough. The dome and tile can have an axial through hole and the solar cell can be secured through this hole from the underside of the tile. The leads to the cell can pass through this hole.

---

Data supplied from the esp@cenet database - I2